Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 10 Dec 2021 until 23:59 on Saturday 11 Dec 2021

Forecast Issued on Friday 10 Dec 2021 at 03:40

Confidence: High for general developments until Sunday then Medium. Medium for cloud details.

Headline for Friday 10 Dec 2021: Bright with scattered wintry showers. Feeling cold in the strong northwesterly winds.

Mountain weather hazards on Friday 10 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Light snow showers	Light snow showers	Light snow	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
30%	30%	30%	30%	20%	20%

Forecast for Friday 10 Dec 2021

Weather: Mainly dry and bright with a few sunny spells, although the odd wintry shower is possible, but rain below 400m. Chilly northwest winds. Most of the wintry showers dying out in the evening with some clear spells.

Chance of cloud free mountain/hill tops above 600m: 90%

Visibility: Mostly very good or excellent with little or no significant cloud, but moderate or poor in any wintry showers with cloud lowering onto the tops.

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Forecast for Friday 10 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/27 NW	17/26 W	18/26 W	18/26 W	15/22 W	12/19 W	10/17 W
300	10/26 NW	10/25 NW	13/25 NW	11/24 NW	9/20 W	7/17 W	6/14 W
Valley	3/18 NW	3/14 NW	10/21 NW	8/19 W	4/12 W	3/9 NW	3/7 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-7	-0/-7	0/-6	1/-6	0/-6	0/-5	-0/-5
300	1/-3	2/-3	3/-1	3/-1	2/-2	2/-2	1/-2
Valley	1/-1	2/-0	5/2	4/2	3/1	2/-0	1/-1
Freezing Level*	400m	400m	600m	600m	600m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 10 Dec 2021	N/A	N/A	N/A

Forecast for Saturday 11 Dec 2021

Weather: Dry and cold overnight and early morning. Soon cloudy and overcast with outbreaks of heavy rain. Becoming drier and clearer during the evening.

Maximum wind: South 20 to 25mph gusts 35mph over the tops.

Chance of cloud free mountain/hill tops above 600m: 40% for much of daylight hours, but 80% early in the day.

Visibility: Moderate or poor at times in rain. Mostly very good early and later in the day. Extensive cloud, base around 600m at times during daylight hours, but above the tops early and later.

Temperature: **Valleys:** Plus 1 Celsius rising to 10 Celsius
At 600m: Minus 1 Celsius rising Plus 5 Celsius
Freezing level: Well down overnight, but soon rising above the tops during daylight hours.

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